

Docket No. 244936US0X CIP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Naoto KIJIMA, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: PHOSPHOR AND ITS PRODUCTION PROCESS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 and cited in the attached International Search Report. Copies of the listed references were previously filed in the parent application serial no. 10/325,826 filed December 23, 2002.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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|--|----|---|------------|--|--|--|-------------------------------|
| Form PTO 1449<br>(Modified)  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |            | ATTY DOCKET NO.<br><b>244936US0XCIP</b>  |  | SERIAL NO.<br><b>New Application</b>                             |                               |
| LIST OF REFERENCES CITED BY APPLICANT  |    |   |            | APPLICANT<br><b>Naoto KIJIMA, et al.</b> |  |  |                               |
|  |    |   |            | FILING DATE<br><b>Herewith</b>           |  | GROUP  |                               |
| <b>U.S. PATENT DOCUMENTS</b>   |    |   |            |  |  |  |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER  | DATE       | NAME                                     | CLASS                                  | SUB<br>CLASS   | FILING DATE<br>IF APPROPRIATE |
|  | AA | 6,153,123   | 11/28/2000 | M. J. HAMPDEN-SMITH, et al.              |  |  |                               |
|  | AB | 6,180,029   | 01/30/2001 | M. J. HAMPDEN-SMITH, et al.              |  |  |                               |
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|  | AF | 2001/0032963  | 10/25/2001 | N. KIJIMA, et al.                        |  |  |                               |
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|  | AH | 6,039,894   | 03-2000    | SANJURJO, et al.                         |  |  |                               |
|  | AI | 5,269,966   | 12-1993    | KARAM, et al.                            |  |  |                               |
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|  | AK |   |            |  |  |  |                               |
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|  | AM |   |            |  |  |  |                               |
|  | AN |   |            |  |  |  |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |   |            |  |  |  |                               |
|  |    | DOCUMENT<br>NUMBER  | DATE       | COUNTRY                                  | TRANSLATION<br>YES                  NO |  |                               |
|  | AO | 2000-109825   | 4/18/00    | Japan w/attached English Abstract        |  | x  |                               |
|  | AP | 2000-336353   | 12/5/00    | Japan w/attached English Abstract        |  | x  |                               |
|  | AQ | 2000-87033  | 3/28/00    | Japan w/attached English Abstract        |  | x  |                               |
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|  | AS |   |            |  |  |  |                               |
|  | AT |   |            |  |  |  |                               |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |   |            |  |  |  |                               |
|  | AU | Y. C. KANG, et al., Journal of Materials Science Letters, vol. 19, pages 1225-1227, "THE EFFECT OF METAL CARBONATE FLUXES ON THE CRYSTALLINITY, MORPHOLOGY, AND PHOTOLUMINESCENCE CHARACTERISTICS OF Y <sub>2</sub> O <sub>3</sub> :Eu PHOSPHOR IN SPRAY PYROLYSIS", 2000 |            |  |  |  |                               |
|  | AV | Y. C. KANG, et al., J. Am. Ceram. Soc., vol. 84, no. 2, pages 447-449, "SODIUM CARBONATE FLUX EFFECTS ON THE LUMINESCENCE CHARACTERISTICS OF (Y <sub>0.5</sub> Gd <sub>0.5</sub> ) <sub>2</sub> O <sub>3</sub> :Eu PHOSPHOR PARTICLES PREPARED BY SPRAY PYROLYSIS", 2001  |            |  |  |  |                               |
|  | AW | Y. C. KANG, et al., Jpn. J. Appl. Phys., vol. 39, pages L1305-L1307, "THE EFFECT OF METAL CHLORIDE FLUXES ON THE PROPERTIES OF PHOSPHOR PARTICLES IN SPRAY PYROLYSIS", 2000   |            |  |  |  |                               |
|  | AX | Y. C. KANG, et al., Journal of the European Ceramic Society, vol. 22, pages 1661-1665, "USE OF LiCl FLUX IN THE PREPARATION OF Y <sub>2</sub> O <sub>3</sub> :Eu PHOSPHOR PARTICLES BY SPRAY PYROLYSIS", 2002   |            |  |  |  |                               |
|  | AY | B. XIA, et al., J. Mater. Chem., vol. 11, pages 2925-2927, "SYNTHESIS OF CeO <sub>2</sub> NANOPARTICLES BY SALT-ASSISTED ULTRASONIC AEROSOL DECOMPOSITION", 2001  |            |  |  |  |                               |
|  | AZ | B. XIA, et al., Advanced Materials, vol. 13, no. 20, pages 1579-1582, "NOVEL ROUTE TO NANOPARTICLE SYNTHESIS BY SALT-ASSISTED AEROSOL DECOMPOSITION", October 16, 2001  |            |  |  | <input type="checkbox"/> Additional References sheet(s) attached |                               |
| Examiner   |    |   |            |  | Date Considered                        |  |                               |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |            |  |  |  |                               |